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21.06.95 Bulletin 95/25(71) Applicant: **Hewlett-Packard Company**
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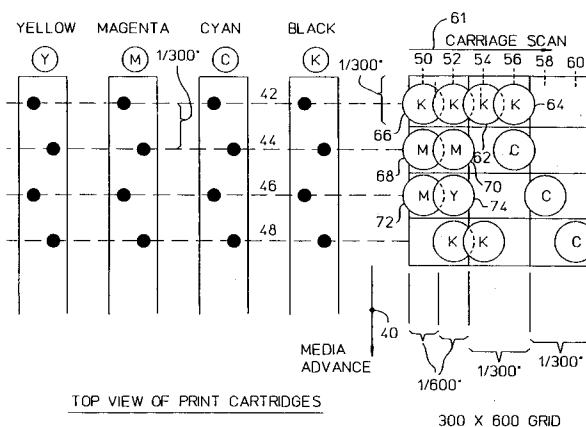
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(54) **Increased print resolution in the carriage scan axis of an inkjet printer.**

(57) Improved print resolution in an inkjet printer is achieved by moving the carriage of an inkjet cartridge in a carriage scan direction to provide a first resolution in that direction which is greater than a second resolution in a print media advance direction.

This can be achieved by firing two smaller drops of ink onto each square pixel in a single pass of the cartridge so as to provide, for example, a 600 dpi resolution in the carriage scan axis with a 300 dpi resolution in the media advance direction.

**FIG. 3****EP 0 623 473 A3**



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Application Number
EP 94 30 2672

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
X	EP-A-0 513 989 (HEWLETT-PACKARD COMPANY) * column 2, line 27 - line 48 * * column 3, line 39 - line 51 * * column 4, line 34 - line 47 * * column 16, line 40 - column 17, line 18; claim 6; figures 1,2A *	1-3,6-8, 13,15	B41J2/21 B41J2/205 B41J2/505
Y	---	9	
Y	EP-A-0 110 494 (HEWLETT-PACKARD COMPANY) * page 5, line 21 - line 31 * ---	9	
A	EP-A-0 533 486 (CANON KABUSHIKI KAISHA) * column 3, line 14 - line 23 * * column 10, line 43 - line 56 * * column 14, line 37 - line 53 * * column 15, line 34 - line 57; figures 3,8,11,14,15 *	1,6,13, 15	
A	PATENT ABSTRACTS OF JAPAN vol. 14, no. 198 (M-965) (4141) 23 April 1990 & JP-A-02 039 946 (CANON INC) 8 February 1990 * abstract *	1,6,13, 15	TECHNICAL FIELDS SEARCHED (Int.Cl.5) B41J H04N
A	EP-A-0 013 296 (INTERNATIONAL BUSINESS MACHINES CORPORATION) * page 4, line 22 - line 31 * * page 5, line 25 - line 33 * * page 6, line 30 - page 7, line 2; figures 2-4 *	1,6,13, 15	
A	EP-A-0 518 670 (CANON KABUSHIKI KAISHA) * column 2, line 40 - column 3, line 12 * --- -/--	1,6,13, 15	
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 4 April 1995	Examiner Ducreau, F
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document			



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Application Number
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
A	US-A-5 146 236 (T.HIRATA ET AL.) * column 8, line 24 - line 50 * -----	1,6,13, 15	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 4 April 1995	Examiner Ducreau, F
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